## **EAST Search History**

| Ref<br>#   | Hits  | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|------------|-------|--|---|---------------------|---------|------------------|
| L1         | 37774 | (determin\$5 or detect\$5 or measur\$5 or inspect\$5 or obtain\$5) near4 fire\$1 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/02/22 09:49 |
| L2         | 22901 | (first and second) near2 wavelength\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/02/22 09:49 |
| L3         | 27940 | pulse\$2 with wavelength   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/02/22 09:49 |
| L4         | 71618 | wavelength with (shorter or longer)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/02/22 09:49 |
| L5         | 3594  | (forward and backward) near5 (angle or scatter\$5)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/02/22 09:49 |
| <b>L</b> 6 | 4     | L1 and L2 and L3 and L4 and L5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/02/22 09:49 |
| L7         | 4     | L1 and L2 and L5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/02/22 09:50 |
| L8         | 15901 | (determin\$5 or detect\$5 or measur\$5 or inspect\$5 or obtain\$5) near4 smoke   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/02/22 09:50 |

## **EAST Search History**

| L9  | 46         | (L1 or L8) and L5                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR<br>· | ON | 2007/02/22 09:50 |
|-----|------------|---|---|---------|----|------------------|
| L10 | 4          | L9 and L2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON | 2007/02/22 09:54 |
| L11 | 48897      | L1 or L8  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON | 2007/02/22 09:54 |
| L12 | 17         | L11 AND L2 AND L3 AND L4                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON | 2007/02/22 09:54 |
| L13 | <b>722</b> | (forward and backward) near5<br>(radiat\$5 or emission) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON | 2007/02/22 09:55 |
| L14 | 5          | L11 and L13 and L5                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON | 2007/02/22 09:55 |
| L15 | 2          | L14 and L3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON | 2007/02/22 09:55 |
| L16 | 2          | L14 and L3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON | 2007/02/22 09:56 |

## **EAST Search History**

|     | ·    |   |   | 1    |     |                  |
|-----|------|---|---|------|-----|------------------|
| L17 | 4180 | (356/335,336,337,338,339,340,341,<br>342,343,73).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF | 2007/02/22 09:56 |
| L18 | 2707 | (250/341.1,341.3,341.8,458.1,227.<br>1).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/02/22 09:56 |
| L19 | 1911 | (340/628,629,630).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/02/22 09:56 |
| L20 | 8625 | L17 or L18 or L19   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2007/02/22 09:56 |
| L21 | 1    | L20 and L11 and L13 and L16   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2007/02/22 09:56 |
| L22 | . 5  | L20 and L3 and L5 and L11   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2007/02/22 09:57 |
| L23 | 1    | (((determin\$5 or detect\$5 or measur\$5 or inspect\$5 or obtain\$5) near4 (fire\$1 or smoke)) and ((first and second) near2 wavelength\$1) and (pulse\$2 with wavelength) and ((forward and backward) near5 (angle or scatter\$5))).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2007/02/22 09:58 |